



FLEX-100

SOLAR MODULE

Solar Flex™ solar panels are designed to provide a powerful charging solution for batteries. Unlike other 'thin' products, Solar Flex™ uses high-efficiency monocrystalline cells that produce more power per square foot than any other flat panel on the market.

An impermeable lamination coats the entire module, allowing it to flex against curved areas and eliminating any need for a bulky frame. The flat, lightweight module is less than 1/8 inch thick and provides an extremely durable surface. The panel can be affixed by adhesive or screw mounting options and quick-connect MC4 cables are an added bonus for ease-of-installation.

Solar Flex™ panels are aerodynamic and DURABLE - a virtually unbreakable solar battery charger.

The FLEX-100 is ideal for:

- Trailers, long-haul and heavy-duty trucks
- Utility service vehicles
- RV/Marine

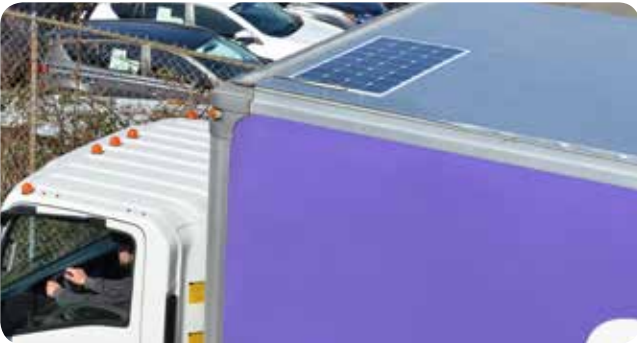
Features

- High-efficiency, back-contact solar cells
- Penetrating or adhesive mounting options
- Curves up to 30 degrees
- Durable surface is less than 1/8 in / 3 mm thick
- Industry standard quick-connect cables (MC4) work in series or in parallel
- Marine grade material
- Up to 82% lighter than other solar modules



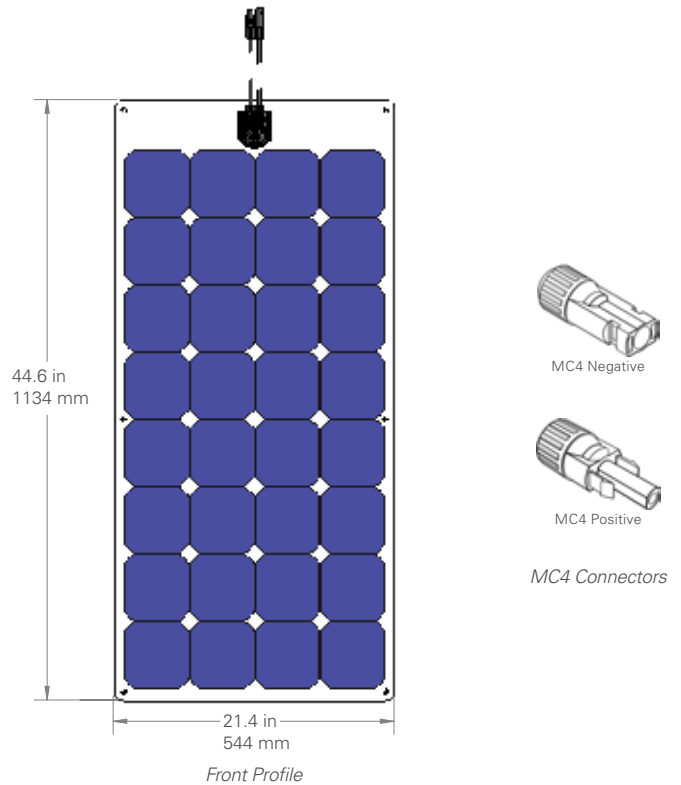
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REPRESENTED IN YOUR REGION BY:



FLEX-100

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SPECIFICATIONS

| | |
|-----------------------------|--|
| Rated power (Pm) | 100W |
| Maximum power voltage (Vmp) | 17.6V |
| Maximum power current (Imp) | 5.68A |
| Open circuit voltage (Voc) | 20.8V |
| Short circuit current (Isc) | 6.14A |
| Power coefficient | -0.38% / °C |
| Voltage coefficient | -60.8mV / °C |
| Current coefficient | 2.2mA / °C |
| Max power tolerance | +/- 5% |
| Cell type | Monocrystalline |
| Module efficiency | 19.6% |
| Series fuse rating | 10A |
| Maximum system voltage | 600VDC |
| Weight | 2.9 lb (1.35 kg) |
| Dimensions | 44.6 x 21.4 x 0.1 in 1134 x 544 x 3 mm |
| Frame type / material | Laminated TPT backsheet, includes stainless steel grommets |



Power Specifications calculated at STC:

- Irradiance: 1000 W/m²
- Cell Temperature: 77 °F (25 °C)
- Air Mass: 1.5

Specifications subject to local environmental conditions.
Specifications may be subject to change.

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